

Converting Colors

Hex(B86AFE)

Have a look what the booklet for
Hex(B86AFE) contains.

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Color

Hex(B86AFE)

Conversions

Conversions Part 1

Format	Color
Hex	B86AFE
RGB	184, 106, 254
RGB Percent	72%, 42%, 100%
CMY	0.2784, 0.5843, 0.0039
CMYK	0.28, 0.58, 0.00, 0.00
HSL	272°, 99%, 71%
HSV	272°, 58%, 100%
XYZ	42.8106, 27.6542, 96.8474
YIQ	146.1940, -1.0200, 62.5640

Conversions

Conversions Part 2

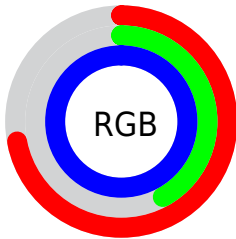
Format	Color
RYB	184, 106, 254
Decimal	12086014
CIELab	59.58, 57.52, -62.04
CIElCh	60, 84.600, 312.834
Yxy	27.6542, 0.2559, 0.1653
Android (android.graphics.Color)	4290276094 (0xFFB86AFE)
YUV	146.1940, 53.1484, 33.1559
Hunter-Lab	52.5872, 53.2869, -72.3804

Details

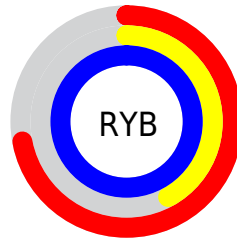
The Hex color **B86AFE** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **B0FE6A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F3A0FF**, and **7E35C4** is the 20% darker color. If you saturate the color by 10%, you get **AC51FE**, and if you desaturate by 10%, it is **C483FE**.

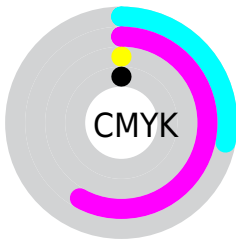
Distribution



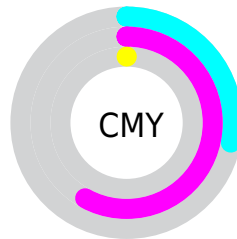
- Red (72%)
- Green (42%)
- Blue (100%)



- Red (72%)
- Yellow (42%)
- Blue (100%)



- Cyan (28%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B86AFE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B86AFE by changing the saturation by 10% instead.

 B86AFE

 B86AFE

FFFFFF

 9B4FE1

 F3A0FF

 7E35C4

 FFBCFF

 6217A9

 FFD9FF

 45008D

 FFF6FF

 250073

 00005A

 000041

 00032A

 000114

 B86AFE

 B86AFE

 AC51FE

 C483FE

 A037FE

 D09DFE

 941EFE

 DCB6FE

 8804FE

 E8D0FE

 8600FE

 F4E9FE

FFFFFFE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



008EFF



B86AFE



FC3CBD

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B86AFE



D07C00



00AFAF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B86AFE



B0FE6A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00AD60



B86AFE



909600

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B86AFE



FD552B



2FA500



00AEF4

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B86AFE



FF288C



2FA500



00AF95

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B86AFE



EAD4FF



6AB2FE



736680



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B86AFE



AB4DFF



FE6AFC



797380



6500BF



220040

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FE6AB0



FF4DA1



6AFE6C



807379



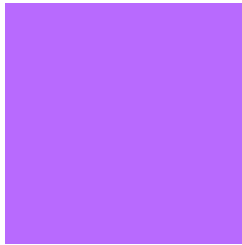
BF005A



40001E

Previews

White Background



This preview shows how the Hex color B86AFE looks on a white background.

Color Contrast Check

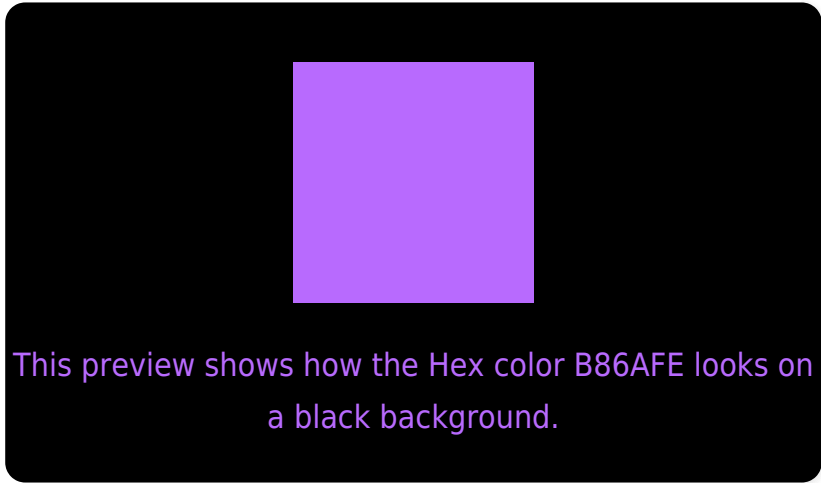
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

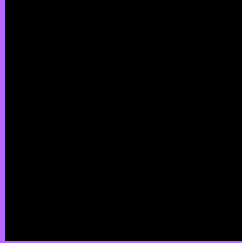
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B86AFE Background



This preview shows how black text looks on a background with the Hex color B86AFE.

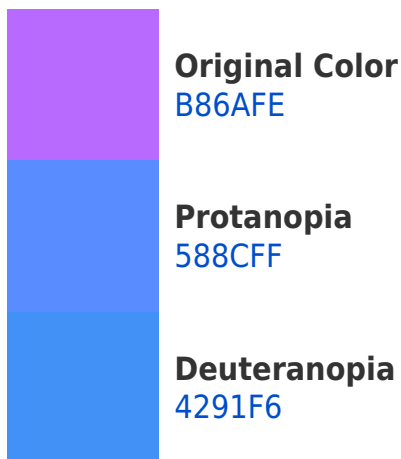


This preview shows how white text looks on a background with the Hex color B86AFE.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

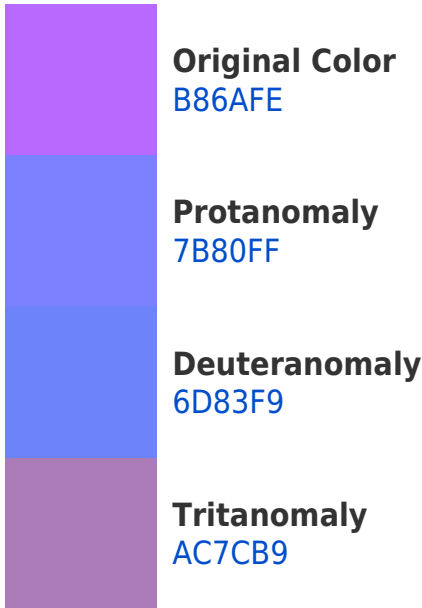
Dichromacy





Tritanopia
A58792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B86AFE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B86AFE looks like.

```
.text, #text, p{  
    color:#B86AFE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B86AFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86AFE
}
```

Border

The CSS property to change the border of an element to Hex B86AFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B86AFE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B86AFE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B86AFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86AFE; -webkit-box-shadow:4px 4px  
4px 4px #B86AFE; box-shadow:4px 4px 4px  
4px #B86AFE }
```

Background

The CSS property to change the background color of an element to Hex B86AFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86AFE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B86AFE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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